

NEW PROJECT REQUEST FORM

ES&H PROJECTS

Page 1

For Data Reference Use Only

a. Facility Code

b. ADS Number

Activity Data Sheet (ADS) Identification Section

3. ADS Title: _____ Building 1005H Floor Trench Sealing and Capping of Trench Sump Outlet Pipe _____

3a. ADS Area: (Select 1 only) ☒ (X) ES&H ☐ () Equally ES&H and Infrastructure or Program

4. Data Sheet Status Code: (Select 1 only) ☒ (X) Open ☐ () Closed ☐ () Hold ☐ () Discontinued ☐ () Void

13. Contractor Division _____ C-A Department _____

17. DOE Manager _____ P. Kelley _____

14. Contr. Department _____ C-A Department _____

18. DOE Phone _____ 631-344-5784 _____

15. Contractor Manager _____ T. Nicoletti _____

Champion Email _____

16. Contractor Phone _____ 344-3961 _____

_____ tonym@bnl.gov _____

Champion Pager _____ 631-453-5885 _____

ES&H ADS Functional Areas

20. ES&H Functional Area Breakdown (Attach additional pages if necessary)

See Web Site: <http://epweb.pe.bnl.gov/infrastructure/projects/projects.htm> for listing

Functional Area	Sub-Area	% Total Cost
CW	05	100

Percentage of costs attributable to:

21. Training: _____

22. Maintenance

ADS Type Section

23. ADS Type: (Select 1 only) ☐ () Core ☒ (X) Compliance ☐ () Improvement

24. Drivers (Attach additional pages as necessary)

See Web Site: <http://epweb.pe.bnl.gov/infrastructure/projects/projects.htm> for listing

Driver Type	Driver Code	Primary? (Just one)	Driver Title
REG	OTH	X	Other

25. Compliance Comments (Attach additional pages as necessary)

Other regulation is Suffolk County Article 12 (not in list)

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26. ADS Description/Objective (Attach additional pages as necessary)

Provide a description of the activity. Include sufficient detail to allow a reader not previously knowledgeable of the activity to understand the activity's scope and what it is intended to accomplish.

This project will seal the floor trench in Building 1005H and cap an existing sump pump pipe at the east end of the trench. There is currently no sump pump installed in the trench sump. In the event of a heat transfer fluid (UCON 170X) leak from the compressors the fluid will be captured in the trench area. Sealing the trench will remove the possibility of fluid leaching through the concrete walls, seams or cracks into the underlying soil. Capping the open sump pipe will prevent the fluid from entering the ground/groundwater. Currently the sump pipe empties to a catch basin area outside of 1005H. In the event that any fluid needs to be removed from the trench it will be done manually via a portable sump.

27. ADS Appraisal/Justification (Attach additional pages as necessary)

Describe the risks/impact of not implementing or not continuing this activity and opportunities related to this activity. Discuss risks/benefits, if applicable, for Public Safety & Health, Site Personnel Safety & Health, Compliance, Mission Impact, Cost-effective Risk Management, and Environmental Impact.

Describe any other significant impacts or considerations (e.g., cost avoidances, payback periods, etc.)

Benefit

Compliance with Suffolk County Article 12.

Prevent soil or groundwater contamination following a release of UCON 170X lubricant.

Risk/Vulnerability

- 1) Non-compliance to Suffolk County Article 12.
- 2) Potential for a release to the groundwater.
- 3) Loss of trust of public/regulators if a spill occurs which contaminates groundwater.

Mitigating Actions

Operators monitor 1005H compressor status while they are operating.

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37. Resource Structure Code (RSC): *(Check One)*

- | | | | | | |
|-----|--|---|-----|--------|--------------------------------------|
| ___ | LIN | Line Item - Infrastructure | ___ | GPP/LL | GPP - Landlord (Site GPP Fund) |
| ___ | LIE | Line Item - ES&H | ___ | GPP/KA | GPP - High Energy Physics Specific |
| ___ | AIP/KA | AIP - High Energy Physics Specific | ___ | GPP/KB | GPP - Nuclear Physics Specific |
| ___ | AIP/KB | AIP - Nuclear Physics Specific | ___ | GPP/KC | GPP - Basic Energy Sciences Specific |
| ___ | AIP/KC | AIP - BES Specific (Former ARAM) | ___ | GPP/KP | GPP - OBER Specific |
| ___ | OPER | Operating Funds - Special Maintenance or ES&H Program Support | | | |
| ___ | OPER/XX Department / Division Operating Funds (xx - 2 Digit Dept / Div. Code) | | | | |

(Note: If the ADS is funded from an allocable cost pool, provide B&R makeup.)

42. Activity Cost Estimate (x \$1,000)

43. FTE Requirements

For departmental funded projects indicate cost expectations by FY. For all other projects place project total cost in the unfunded field.

Fiscal Year	Estimated Implementation Costs in \$1,000				% ESH	FTEs (to two decimals)	
	Operating Expense (OE)	Capital Equipment (CE)	General Plant Project (GPP)	Line Item Project (LIP)		Federal	Contractor
Prior Year (PY) <u>1999</u>							
Current Year (CY) <u>2000</u>							
Budget Year (BY) <u>2001</u>							
BY + 1 <u>2002</u>							
BY + 2 <u>2003</u>							
BY + 3 <u>2004</u>							
BY + 4 <u>2005</u>							
Unfunded* <u>2006</u>							

* For Compliance activities with costs beyond BY + 4, enter total estimated cost to complete in the Unfunded row.

45. Cost Estimate Notes: (Provide information on estimate, source and date of estimate, if from an ILR give number, and whether or not engineering, project management, contingency and burden is included.)

Cost estimate is based on ILR/Work Order # EPP0000430. Estimate is requested by 08/30/02. Estimate is requested by 08/30/02. Estimate received 8/20/02 in the amount of \$74,934.00. This includes burden & 15% contingency.

Minimum Required Information for ESH Activity Data Sheets

The fields which have not been redlined on the ADS above are mandatory fields which must be completed following the instructions below. If information is known and you wish to utilize a redlined field, please input your data for transcription to the main database.

3. Provide a concise and descriptive project title.
- 3a. Indicate that this is an ESH ADS
13. Provide two letter Department/Division Code.
15. Provide name of the project champion for the activity.
16. Phone number of project champion.
17. Provide name of DOE-BHG counterpart manager for the activity.
18. Phone number of DOE-BHG counterpart.
20. Functional area addressed and percentage of each if more than one (i.e. radiation protection, industrial safety, environmental protection, etc.). Please note that percentages of functional areas addressed must equal 100%.
23. Indicate ADS type (Core, Compliance, Improvement, Other).
24. If compliance is chosen, a regulatory driver or DOE Order must be provided. If choice is not available in the draw down list, select other and provide specific driver in #25.
25. If compliance, discuss nature of current non-compliance briefly.
26. This section should be introduced by a summary of the proposed action and the issue being addressed not to exceed six typed lines. The summary should then be followed by a detailed description of the proposed activity and the issues to be addressed.
27. This section should be introduced by bullets which succinctly discuss the benefits of completing the proposed activity. This should also not exceed six typed lines. Following the bullets should be a discussion of the current risks, how the proposal will alleviate the risk and a separate discussion of ways that the risk will be mitigated until the proposal is funded, provided mitigative measures can be employed.
37. Provide the anticipated funding source for this activity from the table provided.
44. Insert into the table the anticipated costs associated with the project and the appropriate column related to where funding would be anticipated from. Program funded activities

(i.e. KA, KB, KC) should be placed into the GPP column. All operating funded activities including department/division supported and special maintenance activities should be placed in the OE column. Any project that is currently unfunded pending a decision to be made outside of your organization should be placed in the year 2005 at this time.

45. A statement or supporting information should be provided on how the estimate was arrived at. It should also be indicated as to whether the activity could be phase funded over two or more years or if circumstances require completion within the same fiscal year.